TPS-12G-QM, TPS-15G-QM, TPS-G-TPI Release Notes
June 10, 2010
Version 3.001.0124

New Features:

  -None

Changes in Product Behavior:

  -The Fan will run for 5 Seconds when booting up to confirm fan is functional.

New Commands:

  -None

Bug Fixes:

  -Fixed bugs with DNAV gesture not working on a sub-page.
  -Fixed bug with NavList on a sub-page drawing poorly.
  -Fixed bug where "Fullscreen mode" ON for a "Endless Scrolling" on NavList would not work

Notes:

  -None

TPS-12G-QM, TPS-15G-QM, TPS-G-TPI Release Notes
January 25, 2010
Version 3.001.0122

New Features:

   - Enhancements to DNAV object behavior and functionality
   - Added new USB driver for Hatteland monitor.

Changes in Product Behavior:

New Commands:

  -None

Bug Fixes:

  -None

Notes:

  -None

TPS-12G-QM, TPS-15G-QM, TPS-G-TPI Release Notes
December 8th, 2008
Version 3.001.0049

New Features:

  -None

Changes in Product Behavior:

  -Adjusted Fan behavior for the TPS-17G version.

New Commands:

  -None

Bug Fixes:

  -None

Notes:

  -None

TPS-12G-QM, TPS-15G-QM, TPS-G-TPI Release Notes
October 10, 2008
Version 3.001.0048

New Features:

  -Support for Local Smart Control. See WEB site for Quick Start Guide to this feature.
  -Adds new cache to speed up DNAV objects over graphical page backgrounds.
  -Whiteboard annotation support.
        This feature allows for a Video object with no source connected or source selected to 0
        to have the no-video color selected as White and annotation to be used. Similar to a White Board.

Changes in Product Behavior:

  -Video objects with no pad areas no longer have annotation data restored over them so long as they do not overlap
   video objects with pad areas.

New Commands:

  -ANLOCAL - turns on/off local annotation control
  -LOCALSMART - turns on/off local smart control
  -ANTIME - Enables and sets the time in seconds before annotation data is auto erased. Set to zero to disable.
  -FASTLOCK - Enable fast locking of SD video

Bug Fixes:

  - Fixed message page being cleared too early during "external touch screen conflict" message.
  - Fixed annotation being restored incorrectly over subpages
  - Fixed partial Dynamic Graphic SMB data transfers corrupting dynamic images
  - Fixed gateway connection failure auto retry when failure occurs during the initial connection
  - Removed unnecessary under draw of subpages on activation while maintaining subpage z order.
  - Fixed crash with DNAV and a serial string that only contains a '\r' is received.

Notes

  -None

TPS-12G-QM, TPS-15G-QM, TPS-G-TPI Release Notes
June 12, 2008

Version 3.001.0032
New Features:

  -None

Changes in Product Behavior:

  -Addressed issue with the new ROHS 12" screens.
  -Increased indirect text storage size for large System Builder projects and similar user projects.

New Commands:

  -FASTLOCK ON|OFF -Turns fast lock of NTSC/PAL sources on or off

Bug Fixes:

  -Fix array overflow bug with many overlapping subpages made with PNG images.
  -Fixed bug with remote annotation groups larger than 3.

Notes

  -None

TPS-12G-QM, TPS-15G-QM, TPS-G-TPI Release Notes
Version 3.001.0022

Description:

  -This release offers many new features and fixes from the last release.

 New Features:

  -D-Nav Object Support (Requires VTPRO-e 3.8 and Database 19.6.xxxx)
  -Remote Annotation Support
  -16 Level Alpha Fonts (Requires VTPRO-e 3.7 and Database 19.1.xxxx)
  -Auto Brightness Control
  -Touch on Startup Control
  -Dynamic GFX Aspect ratio enforcement
  -Dynamic GFX Loading Icon
  -Video aspect ratio enforcement
  -Video window user digital feedback join support
  -Page Flip / Backbuffer drawing support
  -Ethernet DHCP warning / failure messages
  -Ethernet Auto Discovery
  -New test patterns (Grid, Lines, Grayscale)
  -Secondary Ethernet Console
  -Updated Indirect Text handler. (Allows 4000 serial joins)
  -Multiple mouse cursor sizes (TPI only)

 New Commands:

  -ADDPeer
        Add a PEER entry to the IP table
  -AUTODiscovery
        Enable/disable auto discovery
  -AUTOSPEed

Auto Brightness Control Transition Speed

-ANENable
Enable/disable annotation

-ANCLear
Clear all windows

-ANCOlor
Select pen color

-ANBRush
Select brush width

-ANFReeze
Enable/disable video freeze

-ANOVERride
Enable/disable remote override

-DYNGFxicon
Dynamic Graphics Loading Icon settings

-FONT16
Enable/disable support for 16 level alpha fonts

-KEYLEvel
Set Key Backlight Brightness Levels

-KEYTRigger
Trigger Key Backlight Level

-KILLSOCKET
Cancel an active TCP console socket

-LCDTRigger
Trigger LCD Brightness Level

-NTSC443
Enable/disable support for NTSC-443 and PAL-60

-PAGEFLIP
Enable/disable page flips using the backbuffer

-POINTersize
Set the size of the mouse pointer

-PROCREV
Display Processor Revision

-REMPeer
Remove a PEER entry from the IP table

-VIDEOINFO
Displays the current video info

-WHO
Generate a report of the Ethernet consoles

Changes in Product Behavior:

-Dynamic GFX files load in opposite order. Top images load first.
-Touch calibration points are recorded on the release instead of the press.
-The keyclick beep has been replaced with the improved beep.

Bug Fixes:

-Support for Smart Technologies ID3X0 and DT770 with vendor firmware 12/2007 or earlier (TPI only)
-Fixes redrawing of anti-aliased text partially overlapped by a subpage.
-Allows server response of "200" instead of "200 OK"
-Fixes Clock stopping bug when closing a subpages
-Fixes video windows cutting out when closing subpages
-Http parses for port number in URL. (Http:\\Host:Port\Dir\Filename.ext)
-Add to Dynamic Graphics the "Keep Aspect Ratio" Requires VTPRO-e 3.7.2.8 and Database 19.0.xx
-Fixed bug with dynamic graphics not appearing on multi-mode buttons

Notes:

-None.

Known Issues:

-None.

TPS-12G-QM, TPS-15G-QM, TPS-G-TPI Release Notes
Version 3.000.0026

Description:

-This release offers many new features and fixes from the last release.

New Features:

-DHCP support.
-Dynamic Graphics support. HTTP, FTP, SMB, and Compact Flash (C:\ or CF0:\)
-JNR support.
-Ethernet & DHCP parameters are now settable from the setup screens.
-Video Annotation. Including Freeze and erase.
-Headphone Volume and Balance. (Only visible in Setup when connected, always from console)
-Hi-Res TPI modes. 1152x864 (mode 3), 1280x1024 (mode 4), 1366x768 (mode 5)
-Limited USB support. See Notes below.

New Commands:

-LCDLevel - Sets/returns LCD low/med/high brightness levels.
-IPPDNS - Sets Primary DNS server IP
-IPSDNS - Sets Secondary DNS server IP
-IPPWINS - Sets Primary WINS server IP
-IPSWINS - Sets Secondary WINS server IP
-DHCP - ON/OFF to enable/disable DHCP.
-RENEW - Renew the DHCP settings.
-RELEASE - Release current the DHCP IP address. (ip address 0.0.0.0 and off the network)
-HEADBALANCE - Sets Headphone L&R balance. 0(L) - 100(R)
-HEADVOL - Sets Headphone volume. 0-100
-PROCREV - Reports the version of the coldfire processor.
-PAGEJOINTRANSmit - Enable/disable page join transmission.

Changes in Product Behavior:

-LEDs are turned on at start of unit boot.
-The project (or setup screens) are not displayed until the panel has finished initializing.
 Instead the message "Starting System" is displayed.
-The panel will not run projects not compiled for the specific panel type. I.e. projects complied
 for a TPS-15G will not run on a TPS-12G. Instead an error message is displayed.
-Touch screen calibration will time out 1 minute after calibration begins. On a timeout, an error
 is reported on screen and in the error log then the panel returns to the project.
-QM presets function like video color presets. When autocomp is disabled, the last user settings
 are applied.
-Option to hide controls on the full screen QM setup page.
-Headphone audio balance controls in setup and from console commands

-Project will not load if Manifest file is missing.
-Video if forced to relock when waking from standby mode.
-Error reported to console (Toolbox) and the error log when bad firmware is loaded to the panel.
-The RESTORE command now deletes any user project as well as restoring to factory defaults.
-Coldfire processor version is reported in the SHOWHW command.

-RGB Calibration works differently now. There is no longer a "DEFAULT" button. Users should not have to interact with the Video settings as the behavior now works in 99% of all cases.

If manual control of the RGB Calibration is needed the three buttons behavior is now as follows:

MANUAL
Places the panel in RGB manual mode for that input connector. When a new RGB source is obtained, nothing happens. Any previous RGB settings, regardless of whether they were set manually, by a previous calibration, or by recalling a preset, remain in effect (note that if the previous source was not RGB, the settings may be somewhat strange looking). The user may adjust the settings, and load or store presets as desired.

AUTO
Places the panel in RGB auto mode for that input connector and (when changing from manual mode) performs a calibration. From that point on, when an RGB source is obtained the panel looks for a matching preset, and if one is found the preset is loaded and the settings applied (including color settings). If no matching preset is found, the panel performs a calibration. In either case, the user may still adjust the settings and load or store presets as desired.

PERFORM CALIBRATION
Regardless of whether in manual or auto mode, the panel performs a calibration and applies the settings.
The reserved joins UPX_RGB1_INPUT_CALIB_DEFAULT and UPX_RGB2_INPUT_CALIB_DEFAULT, which were previously used to place the panel in default mode, now trigger the perform calibration function.

Regardless of mode, when the panel begins a calibration the reserved join UPX_RGB1_INPUT_CALIB_DEFAULT or UPX_RGB2_INPUT_CALIB_DEFAULT is set high, and then set back low when calibration completes.

NOTE: This new procedure no longer automatically stores presets. It's up to the user to do this.

Bug Fixes:

-Addressed several Auto detect issues that did not function properly.
-Addressed Video/RGB size, position, and overscan issues
-Change behavior so that TPI-12G/15G/G-TPI mouse cursor does not turn OFF after panel reboot.

-Fixed Vrestore command to set Auto Detect.
-Fixed Percent object in 0-10 range.
-Fixed Signed timer to not truncate rightmost digit if value is negative

Notes:

-Annotation requires a Pad area be defined in the project for the video window.
Reserved Joins:

To enable/disable annotation:

ENABLE	19180
DISABLE	19181 (default)

To clear all marks:

CLEAR	19182

To select the brush width:

BRUSH_THIN	19183
BRUSH_MED	19184 (default)
BRUSH_THICK	19185

To select the brush color:

COLOR_RED	19186 (default)
COLOR_GREEN	19187
COLOR_BLUE	19188
COLOR_YELLOW	19189
COLOR_CYAN	19190
COLOR_MAGENTA	19191
COLOR_WHITE	19192
COLOR_BLACK	19193
COLOR_ERASE	19196

To Freeze/Unfreeze the video (applies to both sources)

TELESTRATE_FREEZE_OFF	19194 (default)
TELESTRATE_FREEZE_ON	19195

-The USB host support was initially designed to be limited to USB mice (HID protocol only), and the following touch panels; 3M Microtouch, ELO 15", SMART Sympodium DT770, WACOM 17", WACOM 21" (CINTIQ) and LG M3200C from Cybertouch.

However, the current versions of the hardware with a revision of the CPU which has a published erratum for the PCI bus. Since the USB host support relies on the PCI bus, a workaround has been built into the firmware which may cause graphics and annotation to draw more slowly when this USB device is connected.

Crestron is working to get new Hardware to support USB devices fully.
Please contact Crestron for further information.

-There's a TPSG issue involving horizontal jitter on some RGB resolutions when coming in
through 3rd party splitters such as the Altinex.

Known Issues:

-DTT-18 not supported at this time.

-Loading TPI projects for higher than the current resolution may fail and Toolbox will trigger a panel reboot.
To work around the problem, change the TPIMODE to the desired resolution then reboot and load the project.
-If enabling or disabling DHCP or changing any static IP settings from the setup screens, there is no notice
that a reboot is required.
-Console access can be blocked when running large native animations. Workaround is to enter setup via a reboot
and touch (click) on startup.

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Version 1.002.0021

NOTE - Loading this version over an earlier version or downgrading from this version to an earlier version will force a restore of factory defaults. You will need to recalibrate the touch screen and check all settings.

Maximum project size is 170MB
TPS-G-TPI supported; output resolutions 800x600, 1024x768, or 1280x768
Device extenders supported
QM Output supported
Touch Out supported
Additions to the Audio setup screen; "restore defaults" button is for the values shown on that page only
Audio hardware initialization - you will be able to see display before you can hear sounds from panel
Fixes all known rendering issues

Known issues:
USB not supported.
PCMCIA Slot not supported.
Dynamic Graphics not supported.
Annotation not supported.
Console access may be blocked during periods of heavy traffic (i.e. flooding the panel with analog joins).
JNR not supported.
Video auto detect working; may have difficulty switching away from certain component sources.
RGB Autocalibration not supported.
Recommend setting Overscan to maximum for all component sources.
Some artifacts on video display of only certain sources at specific output resolution settings.
IP Table is not accessible when booting directly to the setup screens.
The hardkey joins (1 - 4) are sent over Cresnet even when in the setup screens. The feedback for the Hardkeys in the Setup page will show active if your program has any of joins 1-4 active.
Some limitations of compatible mouse for Mouse Input; Kensington mouse fully supported.

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Version 1.002.0016
& version 1.002.0015

Initial releases
Special note: Use build 1.002.0016 for the TPS-12G-QM panel only.

Special note: Use build 1.002.0015 for the TPS-15G-QM panel only.

Known issues: (Specific to 1.002.0015 and 1.002.0016)
Device extenders not supported.
Video source auto detect not supported.
Active state of video object is not supported.
Possible artifacts in RGB window depending on video object size.
QM Out not supported.
Some minor rendering issues with very specific parameters of specific objects.
3D Rectangles if very small with thick frames may cause page to not display.
Compact Flash SanDisk Ultra II not supported.
Touch Out not supported.
TPS-G-TPI not supported.